



**Southern Regional Office (SRO)
400 W. Congress, Suite 433, Tucson, AZ 85701**

**DRAFT Minutes of the
Broadway-Pantano Water Quality Assurance Revolving Fund (WQARF) Site
Community Advisory Board (CAB) Meeting – 35th meeting**

December 7, 2005, 6:30 - 8:15 p.m.
Eastside City Hall, Room A
7575 E. Speedway Blvd.
Tucson, Arizona

E-5460.14.6.1.2

CAB Members Present: Judy Burns, Cheri Bludau, Dolores Fife, Digger Jones, Janet Marcus, Wanda Ryckman, Jackie Olson, Jean Sabo, Ward Wallingford

CAB Members Absent: James Garrett, Aubrey McMullen

ADEQ Staff Present: Gretchen Wagenseller, Project Manager; Matt Doolen, Unit Manager, Superfund Programs Unit, SRO; Eileen Palese, Community Involvement Coordinator

Presenters: Ralph Marra, Homer Hansen

Members of the Public Present: Carla Casler, Tina Lee, Jeff Drumm, Robert LeBaron, Tom Kimmel, Michael Smith

The meeting began at 6:30 p.m.

1. Call to Order/Introductions

Co-chair Judy Burns conducted introductions of CAB members and public participants.

2. Approval of Minutes for 9/21/05 CAB Meeting

This agenda item was delayed due to lack of a quorum. When a quorum was reached later in the meeting, Digger Jones motioned to approve the minutes from the September 21, 2005. Wanda Ryckman seconded the motion. All were in favor, none opposed.

3. Vote on Membership Applications: Michael Smith and Carla Casler

This agenda item was delayed due to lack of a quorum. When a quorum was reached later in the meeting, Wanda Ryckman motioned to accept the applications of Michael Smith and Carla Casler. Jean Sabo seconded the motion. All were in favor, none opposed. CAB members welcomed Michael Smith and Carla Casler to the board.

4. Vote on Membership Resignation: Patricia Gehlen

This agenda item was delayed due to lack of a quorum. When a quorum was reached later in the meeting, the CAB discussed Patricia Gehlen's resignation. Janet Marcus moved to accept her resignation. Ward Wallingford seconded the motion. All were in favor, none opposed.

5. Presentation: Ralph Marra, Chief Hydrologist, Tucson Water

Ralph Marra, Tucson Water (TW), presented a water resource update to the CAB and addressed how water resources relate to the Broadway-Pantano WQARF site. He said TW's Water Resource Plan was presented in November 2004. Mayor and Council then directed TW to take the plan to the public to solicit input. By 2007, TW will go back to Mayor and Council and present the information collected from the community on water resource issues. He said at this point decisions will have to be made for the future. He offered to present a more detailed presentation at CAB member neighborhood associations.

He said goals were set when TW developed the Water Resource Plan which covers a time period of 50 years--to 2050. He said the projected need for water must be met and, as a water utility, TW must maximize use of renewable water resources--Colorado River Water (CAP) and effluent. He said a reduction in the use of groundwater will be necessary. Even though 40 percent of CAP water is used right now, TW still pumps groundwater, so in the future, reliance on groundwater will have to be reduced.

He discussed water quality issues, and said the community needs to address the future costs of water because it will become more expensive. He said TW will also have to compete against other large western communities that will be looking for additional water supplies. He said all water providers have to comply with the Department of Water Resources water supply rules that allocate water, and after an allocation is gone, a utility can no longer pump groundwater; it must get on renewal supplies. He said this is the reason for the plan, to give TW time to address future water supplies and use.

He displayed a map of long range planning areas and identified the various water districts in the Tucson area. He showed what may be the potential TW service area in the future, which will be a significant expansion of what it currently serves. He said all of the water providers in the area pump from the same aquifer so it becomes critical for them to cooperate now for the future. Without coordination, the aquifer could be ruined. He said the other water providers are also trying to get on a renewal water supply, so in the future, there should be opportunities for regional cooperation such as acting as a whole entity to compete against other large communities.

He outlined population projections from the year 2000 to 2050; population is expected to double by the year 2050. This data comes from census data gathered by the Pima Association of Governments. He discussed how to meet future water demands and locations of future growth areas. He said TW must be flexible because the reality of what occurs may be different from the plan, but it is necessary to plan now—TW can't assume people will want to use less water in the future.

He discussed the use of effluent water and said that a conservation task force is exploring ideas now even though this is not a popular idea. As a community, he believes the city may have to serve something in-between. If needed, effluent water would be treated and then recharged, eventually becoming part of the blend. He said other communities are planning to use effluent.

Ralph Marra displayed a water table level in the Broadway-Pantano WQARF site area and discussed the contamination plume. He pointed out the location of downgradient wells and where a portion of the plume has not been contained. He emphasized the need to contain any groundwater contamination before it reaches the central well field and that city Environmental Services is working on a solution.

The CAB asked questions about the Western Containment System containment. Gretchen Wagenseller said that she is waiting for confirmation of the last sampling to determine if contamination is going beyond the system. The CAB discussed growth issues relating to water supply, future cost of water and the use of effluent. Ralph Marra said he would be glad to return to present additional information at future CAB meetings.

6. KB Home Feasibility Study – Homer Hansen, Environmental Consultant

Homer Hansen, consultant to KB Home, reported on the test trenching performed on a portion of the Broadway-North landfill by the home builder. He said it was done in the southern portion of the landfill and pointed out the trenches on a video he showed the CAB. He said they dug to a depth of 22-24 feet. He said they found a fairly extensive soil cover, but in some areas it was shallow. He said it appeared that

additional fill was brought in at later times. He said most often there was at least 4-5 feet of clean fill. The purpose of the trenching was to determine what type of waste was in the landfill, where the bottom was, and the amounts of soil to waste. He said a lot of testing and evaluation was done during the trenching process, including monitoring for methane and volatile organic compounds (VOCs). Both were negligible, or showed no detections. He said the soil and debris was put into separate piles; there was a lot more soil than expected. Soil samples were submitted for testing. They did not see TCE and PCE contamination showing up.

He said they also looked at the western area which is an older, historic portion of the landfill. They evacuated 5,000 cubic yards, finding a lot of typical household and other garbage such as bottles and newspapers, but not a lot of plastic. Only two metal drums were found--nothing hazardous, but they did run across some medical waste. He said when they did reach the bottom, many areas were cemented sand, very compacted. He said they looked at the percent of soil component to the trash component. He said KB Home is now doing cost estimations for removing the landfill debris to determine if it would be an economically feasible project. They should be making a decision at the end of January.

Homer Hansen answered questions from the CAB about the landfill and trenching study. He said they did not receive any citizen contact about odor or noise. Judy Burns asked him to keep the CAB informed about future developments relating to this project.

Site Investigation Update/Q&A – Gretchen Wagenseller, ADEQ Project Manager, Jeffrey Drumm, Environmental Manager, City of Tucson

Jeffrey Drumm outlined a recent well installation by the City of Tucson and the sampling results. He said the city plans to hire a contractor to look at the source of contamination at the Broadway North Landfill. The first phase after a request for proposal will be to look at the efficiency of the original system, and then create feasibility studies on the best way to remediate the source. The city will also look at the western boundary to see if any upgrades to the Western Containment System are needed. The second phase would be to implement the design. He said this first phase should begin in January. He said there is funding for this in the capital budget and this project is part of the city's long-range plan for the landfill.

Gretchen Wagenseller distributed a shortened report on the Soil Vapor Extraction Soil Vapor Rebound Test, which contains the maps and figures, and the condensed Semi-Annual Groundwater Report to the co-chairs.

She said she has been working to collect all of the technical information on the Broadway South Landfill with ADEQ's contractor. She said she will inform the CAB on any plans before work takes place. She said the groundwater plume appears to have merged from the two landfills, but it takes time for the administrative part of the investigation by ADEQ before work can begin. She said she does not yet know which parcels will be placed on the inventory. She said she met with Pima County staff where she was provided a lot of helpful information on the Broadway South Landfill. She reviewed the levels of contamination from recent sampling and said she would mail the CAB future reports as they become available. CAB members asked questions about the site work.

8. WQARF Advisory Board Report – James Garrett, Jr.

James Garrett was not present to report on the most recent WQARF Advisory Board meeting. He will report at the next CAB meeting.

9. Call to the Public

Robert LeBaron asked about the plume containment. Gretchen Wagenseller outlined the current site investigation and possible remediation techniques.

10. Discussion to Amend CAB Charter re: Number of Members

The CAB discussed their current membership, which is 13 people, and the best level of membership in order to have a quorum. The Broadway-Pantano CAB Charter stipulates “. . . the CAB shall have from 12 to 20 members.” They considered reducing the low number to 5. After discussion, and consideration of

two new members joining the CAB, the board decided to table the discussion until a future meeting, if it becomes necessary to address the issue again.

11. CAB Outreach Reports

Eileen Palese said the Pima Association of Governments has created a website called The Outreach Connection to enable water educators in the Tucson region to share information about their outreach and education efforts. ADEQ lists the CAB meetings on this site, which is now accessible to the public. She said that Judy Burns did send in an article for the Arizona Daily Star Neighborhood Briefing column. Judy Burns said they did not acknowledge that the paper received it and no one saw it appear. Eileen Palese also said she and Melissa Hayes presented information about WQARF and the CABs at a talk to the Arts Center Design College ecology class on December 1.

Wanda Ryckman asked about a University of Arizona survey, but Eileen Palese said she has never seen any report released. Ward Wallingford said that Eileen Palese and Gretchen Wagenseller presented to the October 17, 2005 El G.H.E.K.O. neighborhood association about the site cleanup.

Jean Sabo said that she has suggested a presentation be made by ADEQ to her neighborhood association, Vista del Sahuaro. She said new residents are unaware of the contamination issues. Judy Burns said she also mentions the site to people to increase awareness.

12. Other Administrative Business – Eileen Palese, ADEQ Community Involvement Coordinator

Eileen Palese introduced Matt Doolen, the new unit manager for the Tucson Superfund Program, replacing Mike Fulton. He described his background and offered assistance to the CAB members.

Gretchen Wagenseller announced Mike Fulton's promotion—he is now Deputy Director of the Waste Programs Division and will be located in Phoenix.

13. Next Meeting Date/Agenda Discussion

The next meeting of the Broadway-Pantano CAB will be held from 6:30 p.m. to 8:00 p.m., Wednesday, March 22, 2006, at Eastside City Hall, Room A, 7575 E. Speedway, Tucson, AZ. Call Eileen Palese, ADEQ Community Involvement Coordinator, SRO, at (520) 628-6712, or email at palese.eileen@azdeq.gov, for meeting information and proposed agenda.

14. Adjournment

The meeting adjourned at 8:20 p.m.

This meeting was recorded on cassette tapes as a record of the proceedings. To listen to the tapes or for additional documents mentioned in these minutes, contact ADEQ's Southern Regional Office, Community Involvement Office, 520/628-6712.

**Minutes prepared by: Eileen Palese 00/00/06
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